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PTO/SB/21 (09-04)

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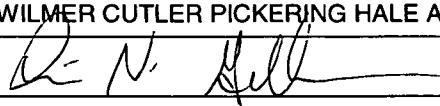
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Application Number	10/523479-Conf. #6126
Filing Date	February 4, 2005
First Named Inventor	MORAN, Magdalene M.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	0110313.00138US2

ENCLOSURES (Check all that apply)

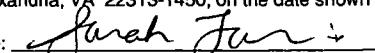
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Signature			
Printed name	Lisa N. Geller, Ph.D.		
Date	9 November 2005	Reg. No.	51,726

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Docket No.: 0110313.00138US2
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Magdalene M. MORAN et al.

Application No.: 10/523479

Confirmation No.: 6126

Filed: February 4, 2005

Art Unit: Not Yet Assigned

For: SPERM-SPECIFIC CATION CHANNEL,
CATSPER3, AND USES THEREFOR

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

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Dear Sir:

Applicants hereby make of record the publications listed on the attached Form PTO/SB/08a/b. Copies of all cited references are enclosed.

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Dated: 9 November 2005

Respectfully submitted,

By Lisa N. Geller

Lisa N. Geller, Ph.D.

Registration No.: 51,726
WILMER CUTLER PICKERING HALE AND
DORR LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000
Attorney for Applicants

PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/523479-Conf. #6126
				Filing Date	February 4, 2005
				First Named Inventor	MORAN, Magdalene M.
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	110313.138 US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	WO-00/61624	10-19-2000	Human Genome Sciences, Inc.		
BB	WO-01/07611	02-01-2001	Genentech, Inc.		
BC	WO-01/54477	08-02-2001	Hyseq, Inc.		
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BF	WO-03/089583	10-30-2003	Origene Technologies, Inc.		
BG	WO-03/091434	11-06-2003	Takeda Chemical Industries, Ltd.		
BH	WO-03/099865	12-04-2003	Inpharmatica Limited		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CA	Amoult et al., "Activation of mouse sperm T-type Ca ²⁺ channels by adhesion to the egg zona pellucida," Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 13004-13009.				
CB	Bedford, "Mammalian Fertilization Misread? Sperm Penetration of the Eutherian Zona Pellucida Is Unlikely to be a Lytic Event," Biology of Reproduction, Vol. 59, pp. 1275-1287.				
CC	Darszon et al., "Ion Channels in Sperm Physiology," Physiological Reviews, Vol. 79, No. 2, April 1999, pp. 481-510.				
CD	Database EMBL, 11 October 2001, XP002314905, Database Accession No. AAS90759				
CE	Database EMBL, 14 November 1997, XP002314900, Database Accession No. AA662668				
CF	Database EMBL, 2 March 2000, XP002314904, Database Accession No. AW472972				
CG	Database EMBL, 3 March 2000, XP002306736, Database Accession No. AA416577				
CH	Database EMBL, 2 December 2000, XP002314901, Database Accession No. BF436942				
CI	Database EMBL, 9 May 2001, XP002314908, Database Accession No. BG718343				
CJ	Database EMBL, 8 June 2000, XP002314899, Database Accession No. AW971983				
CK	Database EMBL, 8 October 2001, XP002314906, Database Accession No. BI826910				
CL	Database EMBL, 15 October 2001, XP002306740, Database Accession No. AF407332				
CM	Database EMBL, 29 November 2001, XP002314910, Database Accession No. ABL90376				
CN	Database EMBL, 1 December 2001, XP002306739, Database Accession No. Q91ZR5				
Examiner Signature	/David Montanari/		Date Considered	04/23/2008	

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Sheet	2	of	2	Attorney Docket Number	110313.138 US2

CO	Database EMBL, 11 September 1997, XP002314902, Database Accession No. AA574312
CP	Database EMBL, 30 November 1999, XP002314903, Database Accession No. AW197851
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CY	Database EMBL, 25 March 2004, XP002314912, Database Accession No. ACN41330
CZ	Database EMBL, 9 May 2001, XP002314909, Database Accession No. BG718245
CA1	Garbers, "Ion channels. Swimming with sperm," Nature, Vol. 413, No. 6856, Oct 2001, pp. 579, 581-582, XP 002314956
CB1	Hyne and Garbers, "Calcium-dependent increase in adenosine 3', 5'-monophosphate and induction of the acrosome reaction in guinea pig spermatozoa," Proc. Natl. Acad. Sci. USA, Vol. 76, No. 11, pp. 5699-5703.
CC1	Jungnickel et al., "Trp2 regulates entry of Ca ²⁺ into mouse sperm triggered by egg ZP3," Nature Cell Biology, Vol. 3, May 2001, pp. 499-502.
CD1	O'Toole et al., "Ca ²⁺ Entry through Store-operated Channels in Mouse Sperm Is Initiated by Egg ZP3 and Drives the Acrosome Reaction," Molecular Biology of the Cell, Vol. 11, pp. 1571-1584, May 2000.
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CH1	Serrano et al., "Voltage-dependent Ca ²⁺ channel subunit expression and immunolocalization in mouse spermatogenic cells and sperm," FEBS Letters, 462, pp. 171-176, 1999.
CI1	Strausberg, Homo Sapiens, Clone Image. 03 March 2003, pages 1-3, especially pages 2-3.
CJ1	Tash, "Role of the eAmp, Calcium, and Protein Phosporylation in Sperm Motility," Controls of Sperm Motility: Biological and Clinical Aspects, ed. Gagnon, pp. 229-240, 1990.
CK1	Wassarman et al., "A profile of fertilization in mammals," Nature Cell Biology, Vol. 3, E59-E64, February 2001.
CL1	Wennemuth et al., "Cav2.2 and Cav2.3 (N- and R-type) Ca ²⁺ Channels in Depolarization-evoked Entry of Ca ²⁺ into Mouse Sperm," The Journal of Biological Chemistry, Vol. 275, No. 28, pp. 21210-21217, 2000.
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CN1	Wiesner et al., "Cyclic Nucleotide-gated Channels on the Flagellum Control of Ca ²⁺ Entry into Sperm," The Journal of Cell Biology, Vol. 142, No. 2, pp. 473-484, 1998.
CO1	Yanigimachi, "Mammalian Fertilization," The Physiology of Reproduction, Second Edition, eds. Knobil and Neill, pp. 189-317, 1994.

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Examiner Signature	/David Montanari/	Date Considered	04/23/2008
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